

FIG. 1  
(PRIOR ART)

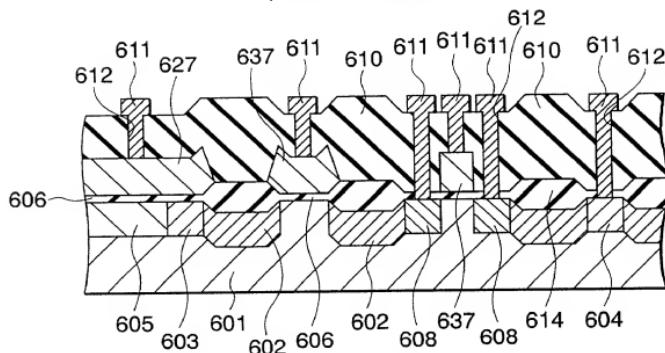
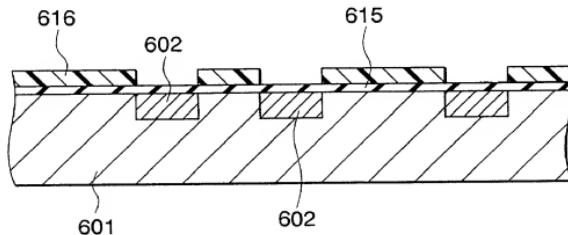
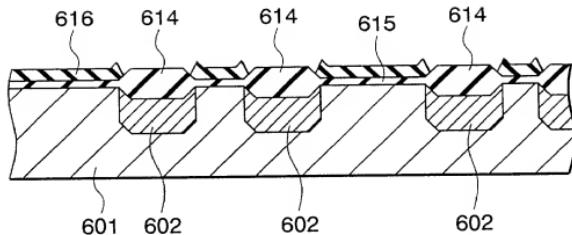


FIG. 2A  
(PRIOR ART)

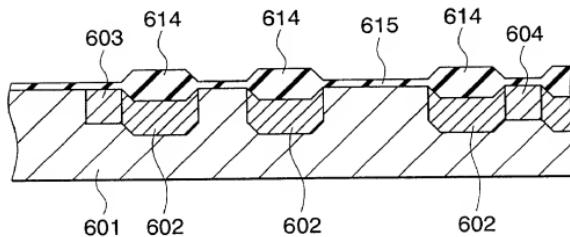
SOLID-STATE IMAGE PICKUP REGION      PERIPHERAL CIRCUIT REGION TRANSISTOR PORTION      PERIPHERAL CIRCUIT REGION P WELL CONTACT PORTION



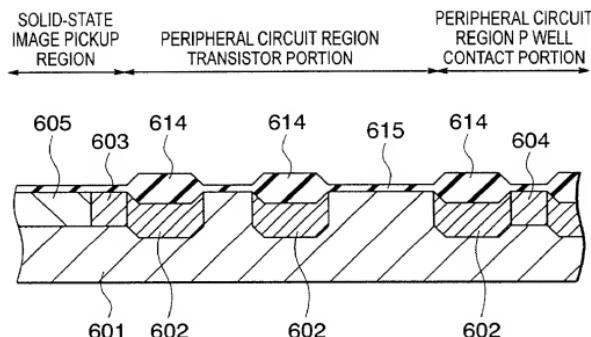
**FIG. 2B**  
(PRIOR ART)



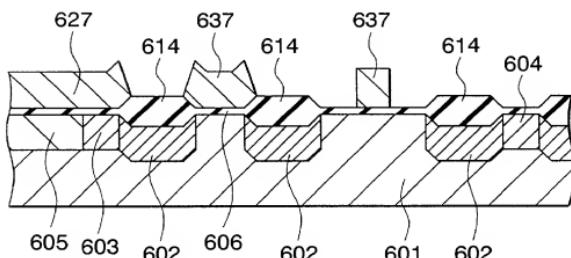
**FIG. 2C**  
(PRIOR ART)



**FIG. 2D**  
(PRIOR ART)



**FIG. 2E**  
(PRIOR ART)



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FIG. 2F  
(PRIOR ART)

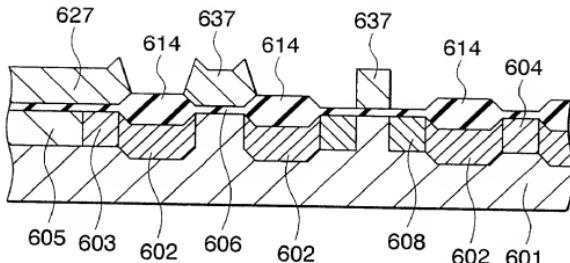


FIG. 2G  
(PRIOR ART)

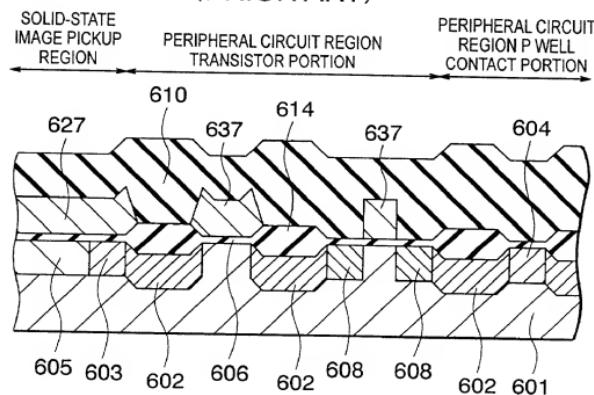


FIG. 2H  
(PRIOR ART)

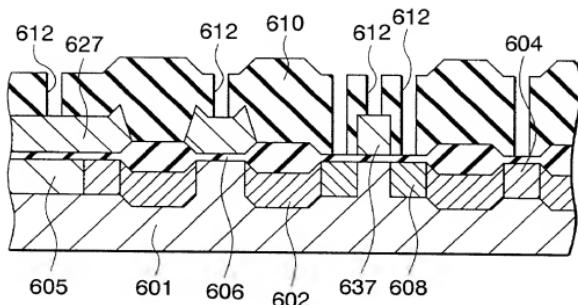


FIG. 3

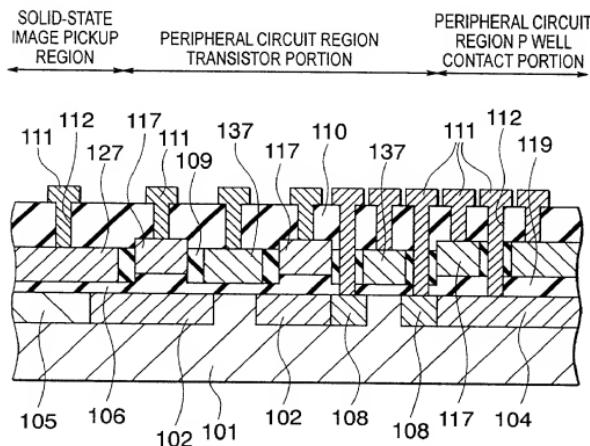


FIG. 4A

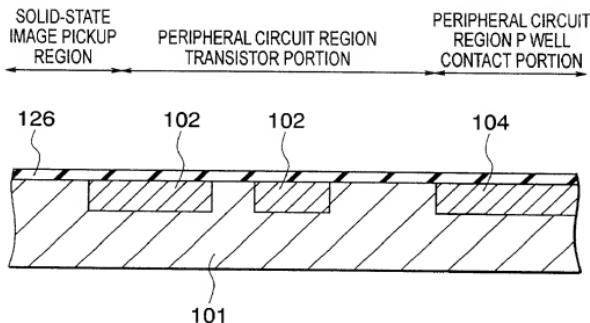


FIG. 4B

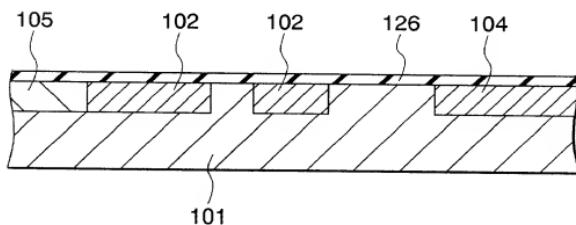


FIG. 4C

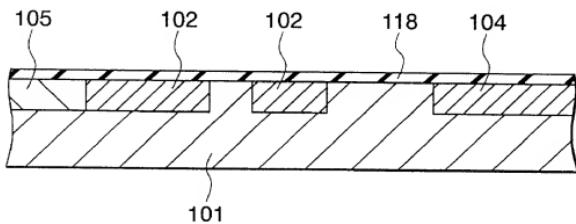


FIG. 4D

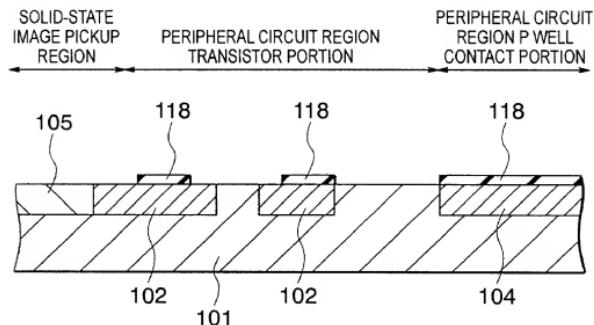


FIG. 4E

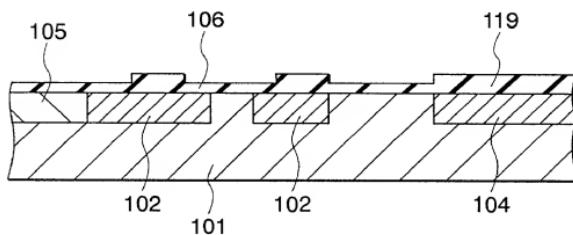
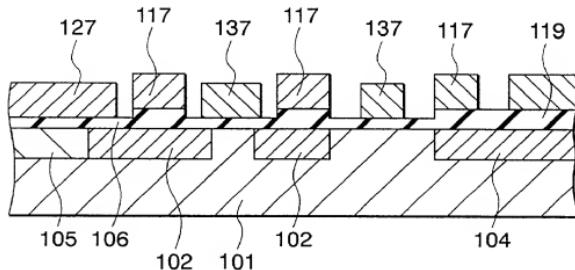


FIG. 4F



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FIG. 4G

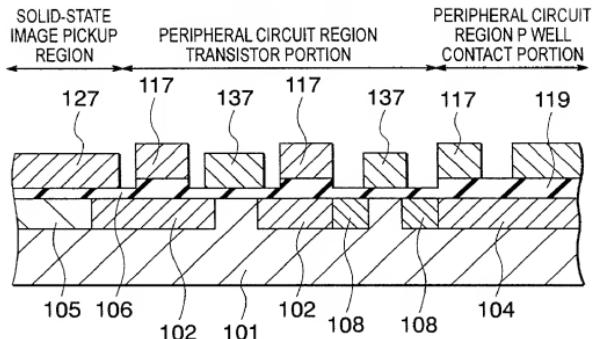


FIG. 4H

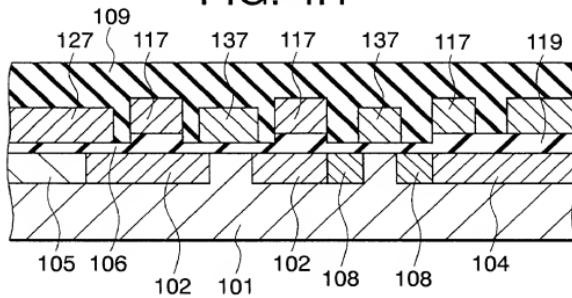
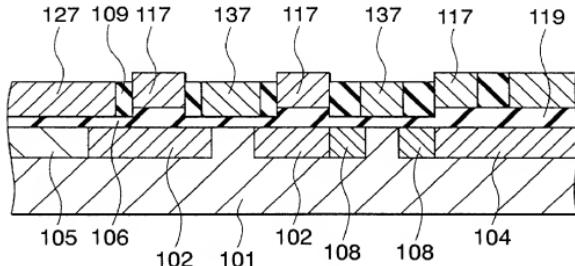


FIG. 4I



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FIG. 4J

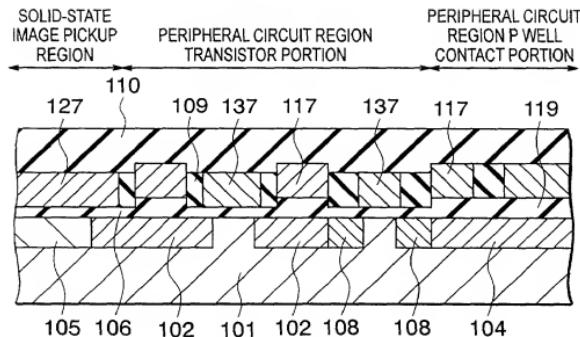


FIG. 4K

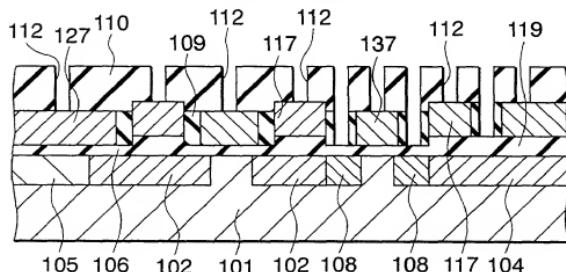


FIG. 4L

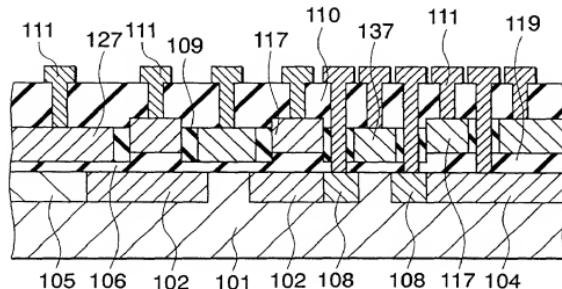


FIG. 5

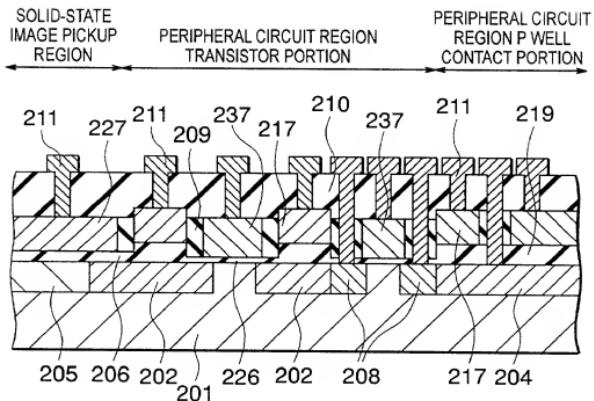


FIG. 6

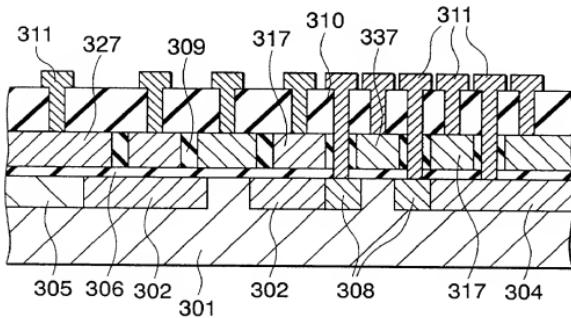


FIG. 7

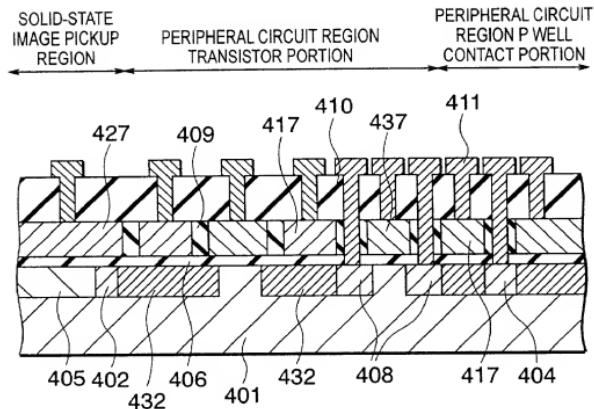
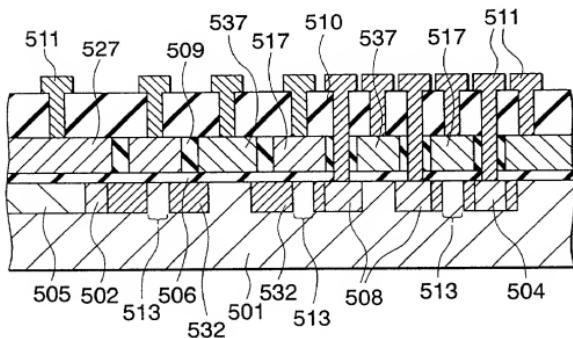


FIG. 8



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